

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Syouichi Fukutoku

Serial No.

Filed: March 24, 2004

For: LIQUID CRYSTAL
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INFORMATION DISCLOSURE STATEMENT

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 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.


March 24, 2004

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Respectfully submitted,

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By: 

Patrick G. Burns
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Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 1117.70170

Serial No.:

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Syouichi Fukutoku

Filing Date: March 24, 2004

Group:

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	2001/0009411A1	July 26, 2001	Kusanagi			
	2002/0060673A1	May 23, 2002	Noritake et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	2001-195025	July 19, 2001	Japan			Abs.	
	*2001-209355	Aug. 3, 2001	Japan				No
	**2002-175062	July 21, 2002	Japan				No
	2001-125060	May 11, 2001	Japan			Abs.	
	10-214062	Aug. 11, 1998	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Corresponds with U.S. 2001/0009411A1

**Corresponds with U.S. 2002/0060673A1

Form PTO-1449 U.S. Department of Commerce
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,151,016	Nov. 21, 2000	Kanbe et al.			
	5,248,963	Sept. 28, 1993	Yasui et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	*10-214097	Aug. 11, 1998	Japan				No
	**1-170986	July 6, 1989	Japan				No
	2001-125096	May 11, 2001	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Corresponds with U.S. 6,151,016

**Corresponds with U.S. 5,248,963